

REMARKS

Applicants appreciate the examiner's indication of allowability of claims 1, 4, 6, 10-13, and 50-55. Clarifying amendments, however, were made to claim 50. The recital "detecting a bit of data" was changed to "detecting a bit of information" in order to clarify that the invention embraces detecting a single-bit data element and/or a data symbol comprising multiple distinct bits of information.

Amended claims 2 includes the substance of claim 17, which was only objected to as being dependent from a rejected base claim. Amended claim 3 includes the substance of claim 25, which was also only objected to as being dependent upon a rejected base claim. The examiner will also note removal of the recital concerning "L-band to X-Band" as an unnecessary limitation in claim 2. Rejection of claims 15-16 and 22-24 is overcome by amendment of base claims 2 and 3. Claims 17 and 25 were canceled and the base claim numbers recited in dependent claims 18 and 26 were amended. These amendments are being made without prejudice or disclaimer to broader coverage since applicants intend to continue prosecution of withdrawn subject matter in a continuation application.

Informalities in claims 7-9, 18-20, and 29-48 were also noted and corrected.

Objections to claims 14 and 49 are moot since these claims were cancelled.

Claims 55-56 were also canceled without prejudice or disclaimer in favor of a continuation application in which applicants intend to address more substantively the 3,883,871 Moore Patent cited by the examiner.

Upon reviewing the scope of the claims as ultimately allowable by the examiner, applicants hereby submit a terminal disclaimer to disclaim any portion of the term of a patent

issuing from this application beyond the term of applicants' prior patent number 6,026,125 (parent of the present application), which also claims an UWB transmitter.

Last, the examiner has indicated acceptance of informal drawings filed with the application on February 17, 1999. Because applicants desire to have any patent issuing on this application include formal drawings, new drawings are being prepared for subsequent inclusion in the application.

Applicants stand ready to assist in resolving any further issues that may arise in connection with this response.

This application should be condition for allowance as all issues have been removed.

Respectfully submitted,
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